Amendment "F" dated March 23, 2010

Reply to Office Action mailed December 23, 2009

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

(Canceled).

2. (Currently Amended) A method for delivering a closure element to seal an opening through tissue, the closure element being carried on a carrier assembly slidably disposed on a proximal end of an elongate member such that a proximal end of the closure element is spaced apart from an outer surface of the elongate member, the method comprising:

inserting a distal end of the elongate member into an opening through tissue, the elongate member having a distal end and a proximal end and a skin overlying at least a portion of the outer surface of the elongate member between the distal end and proximal end and at least partially overlying the carrier assembly, the skin being bonded to the outer surface of the elongate member by an adhesive, the adhesive having sufficient adhesive strength such that the skin is peeled away from the outer surface as the carrier assembly is advanced towards the distal end;

advancing the carrier assembly distally along the clongate member from the proximal end towards the distal end of the elongate member, thereby advancing the closure element towards the distal end of the elongate member and causing the skin to separate from the outer surface of the elongate member;

engaging tissue adjacent the distal end of the elongate member with <u>a plurality of tissue</u> engaging elements on the closure element; and

withdrawing the elongate member from the opening, thereby leaving the closure element to close the opening.

3. (Original) The method of claim 2, wherein the skin comprises a weakened region extending towards the distal end of the elongate member, the weakened region tearing as the carrier assembly is advanced towards the distal end of the elongate member.

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4. (Original) The method of claim 2, wherein the skin comprises a flap extending generally

axially along the outer surface of the elongate member and overlying an adjacent region of the skin, and wherein the flap is released from the adjacent region as the carrier assembly is

advanced towards the distal end of the elongate member, thereby allowing the skin to separate

from the outer surface

5. (Original) The method of claim 2, wherein the skin expands to a cross-section that is

larger than a cross-section of the elongate member as the carrier assembly is advanced towards

the distal end.

6. (Canceled).

7. (Previously Presented) The method of claim 2, wherein the skin comprises a skin outer

surface that is substantially slippery.

8. (Original) The method of claim 2, wherein the opening through tissue extends through

one or more layers of fascia, and wherein the skin facilitates advancing the closure element

through the one or more layers of fascia.

9. (Previously Presented) The method of claim 2, wherein the opening through tissue

communicates with a blood vessel, and wherein leaving the closure element to close the opening

comprises leaving the closure element to substantially seal the opening from blood flow

therethrough with the closure element.

10 (Original) The method of claim 9, wherein the elongate member comprises a lumen

extending between the proximal and distal ends, and wherein the method further comprises

inserting one or more instruments through the lumen into the blood vessel.

11-13. (Canceled).

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14. (Previously Presented) The method of claim 2, further comprising inserting a distal end

of an actuator member between the proximal end of the closure element and the outer surface of the elongate member until the distal end of the actuator member is coupled with the closure

element and advancing the actuator member in a distal direction to advance the carrier assembly

along the elongate member.

15. (Previously Presented) The method of claim 14, further comprising manipulating the

actuator member to deploy the closure element and engage the tissue adjacent the distal end of

the elongate member.

16 (Previously Presented) The method of claim 2, wherein engaging tissue adjacent the

distal end of the elongate member with tissue engaging elements on the closure element

comprises deploying the closure element from the carrier assembly and elongate member, the closure element comprising a generally annularly-shaped body comprising proximal and distal

ends and a plurality of tissue engaging portions extending from the distal end, the closure

element being configured to move from a first expanded configuration when on the carrier

assembly to a second contracted configuration when deployed, thereby drawing tissue around the opening together.

17 (Canceled).

18. (Canceled).

19. (Canceled).

20. (New) A method for delivering a closure element to seal an opening through tissue, the closure element being carried on a carrier assembly slidably disposed on a proximal end of an elongate member such that a proximal end of the closure element is spaced apart from an outer

surface of the elongate member, the method comprising:

inserting a distal end of the elongate member into an opening through tissue, the elongate member having a distal end and a proximal end and a skin overlying at least a portion of the

outer surface of the elongate member between the distal end and proximal end and at least

partially overlying the carrier assembly;

inserting a distal end of an obturator disposed within the elongate member through the

opening through tissue;

advancing the carrier assembly distally along the elongate member from the proximal end

towards the distal end of the elongate member, thereby advancing the closure element towards the distal end of the elongate member and causing the skin to separate from the outer surface of

the elongate member:

engaging tissue adjacent the distal end of the elongate member with a plurality of tissue

engaging elements on the closure element; and

withdrawing the elongate member from the opening, thereby leaving the closure element

to close the opening.

21. (New) The method of claim 20, wherein engaging tissue adjacent the distal end of the

elongate member with tissue engaging elements on the closure element comprises deploying the

closure element from the carrier assembly and elongate member, the closure element comprising

a generally annularly-shaped body comprising proximal and distal ends and a plurality of tissue

engaging portions extending from the distal end, the closure element being configured to move

from a first expanded configuration when on the carrier assembly to a second contracted

configuration when deployed, thereby drawing tissue around the opening together.

22. (New) The method of claim 20, wherein the obturator comprises an expandable distal

portion coupled with an elongate portion extending proximally for manipulation by a user.

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23. (New) The method of claim 22, further comprising retracting the elongate portion of the

obturator in a proximal direction to expand the expandable distal portion distal of the opening

through tissue to stabilize or secure tissue surrounding the opening.

24. (New) The method of claim 20, wherein the skin comprises a weakened region extending

towards the distal end of the elongate member, the weakened region preferentially splitting as the

carrier assembly is advanced towards the distal end of the elongate member.

25. (New) The method of claim 24, wherein the weakened region comprises a thin-walled

seam or a plurality of perforations to define a seam.

26. (New) The method of claim 20, wherein the skin comprises embedded fibers to bias the

skin to preferentially tear.

27. (New) The method of claim 20, further comprising inserting a distal end of an actuator

member between the proximal end of the closure element and the outer surface of the elongate

member until the distal end of the actuator member is coupled with the closure element and

advancing the actuator member in a distal direction to advance the carrier assembly along the

elongate member.

28. (New) The method of claim 27, further comprising manipulating the actuator member to

deploy the closure element and engage the tissue adjacent the distal end of the elongate member.

29. (New) A method for delivering a closure element to seal an opening through tissue, the closure element being carried on a carrier assembly slidably disposed on a proximal end of an elongate member such that a proximal end of the closure element is spaced apart from an outer

surface of the elongate member, the method comprising:

inserting a distal end of the elongate member into an opening through tissue, the opening

communicating with a blood vessel, the elongate member having a distal end, a proximal end, a lumen extending between the proximal and distal ends, and a skin overlying at least a portion of

the outer surface of the elongate member between the distal end and proximal end and at least

partially overlying the carrier assembly:

inserting one or more instruments through the lumen into the blood vessel;

advancing the carrier assembly distally along the elongate member from the proximal end

towards the distal end of the elongate member, thereby advancing the closure element towards the distal end of the elongate member and causing the skin to separate from the outer surface of

the elongate member:

engaging tissue adjacent the distal end of the elongate member with a plurality of tissue

engaging elements on the closure element; and

withdrawing the elongate member from the opening, thereby leaving the closure element

to close the opening and to substantially seal the opening from blood flow therethrough with the

closure element.

30. (New) The method of claim 29, wherein engaging tissue adjacent the distal end of the elongate member with tissue engaging elements on the closure element comprises deploying the

closure element from the carrier assembly and elongate member, the closure element comprising

a generally annularly-shaped body and a plurality of tissue engaging portions extending from the

generally annularly-shaped body, the closure element being configured to move from a first

expanded configuration when on the carrier assembly to a second contracted configuration when

deployed, thereby drawing tissue around the opening together.

31. (New) The method of claim 29, wherein the skin comprises a preferential splitting region extending towards the distal end of the clongate member, the preferential splitting region

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splitting as the carrier assembly is advanced towards the distal end of the elongate member.

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32. (New) The method of claim 29, wherein the skin comprises a flap extending generally

axially along the outer surface of the elongate member and overlying an adjacent region of the

skin, and wherein the flap is released from the adjacent region as the carrier assembly is

advanced towards the distal end of the elongate member, thereby allowing the skin to separate

from the outer surface.

33. (New) The method of claim 29, wherein the skin expands to a cross-section that is larger

than a cross-section of the elongate member as the carrier assembly is advanced towards the

distal end.

34. (New) The method of claim 29, wherein the skin is bonded to the outer surface of the

elongate member by an adhesive bond or a thermal bond, and wherein the bond has sufficient

strength such that the skin is peeled away from the outer surface as the carrier assembly is

advanced towards the distal end.

35. (New) The method of claim 29, wherein the skin comprises a skin outer surface that is

substantially slippery.

36. (New) The method of claim 29, wherein leaving the closure element to substantially seal

the opening from blood flow therethrough with the closure element.

37. (New) The method of claim 29, further comprising inserting a distal end of an obturator

disposed within the elongate member through the opening through tissue.

38. (New) The method of claim 37, wherein the obturator comprises an expandable distal

portion coupled with an elongate portion extending proximally for manipulation by a user.

39. (New) The method of claim 38, further comprising retracting the elongate portion of the

obturator in a proximal direction to expand the expandable distal portion distal of the opening

through tissue to stabilize or secure tissue surrounding the opening.